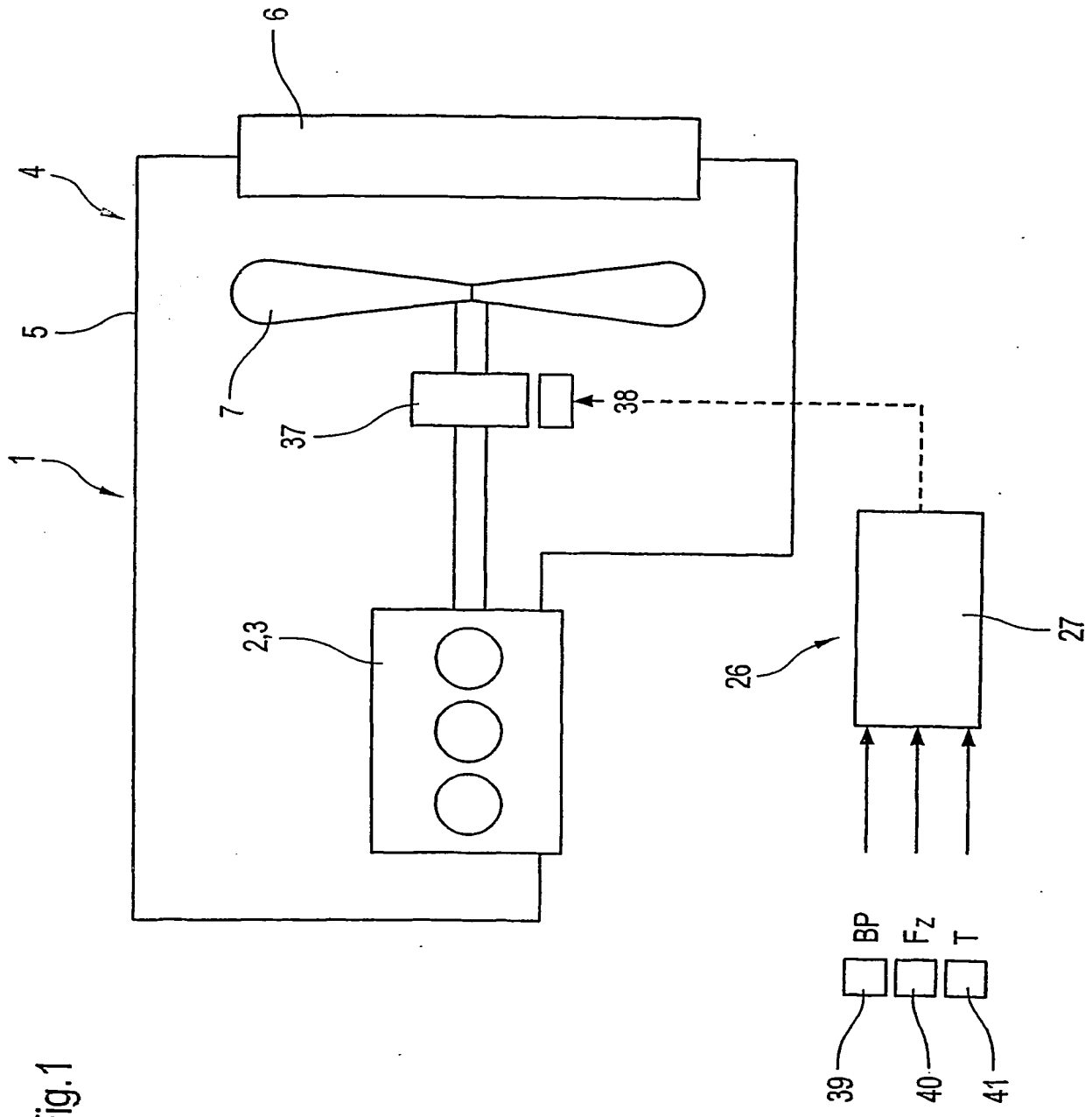


Fig.1

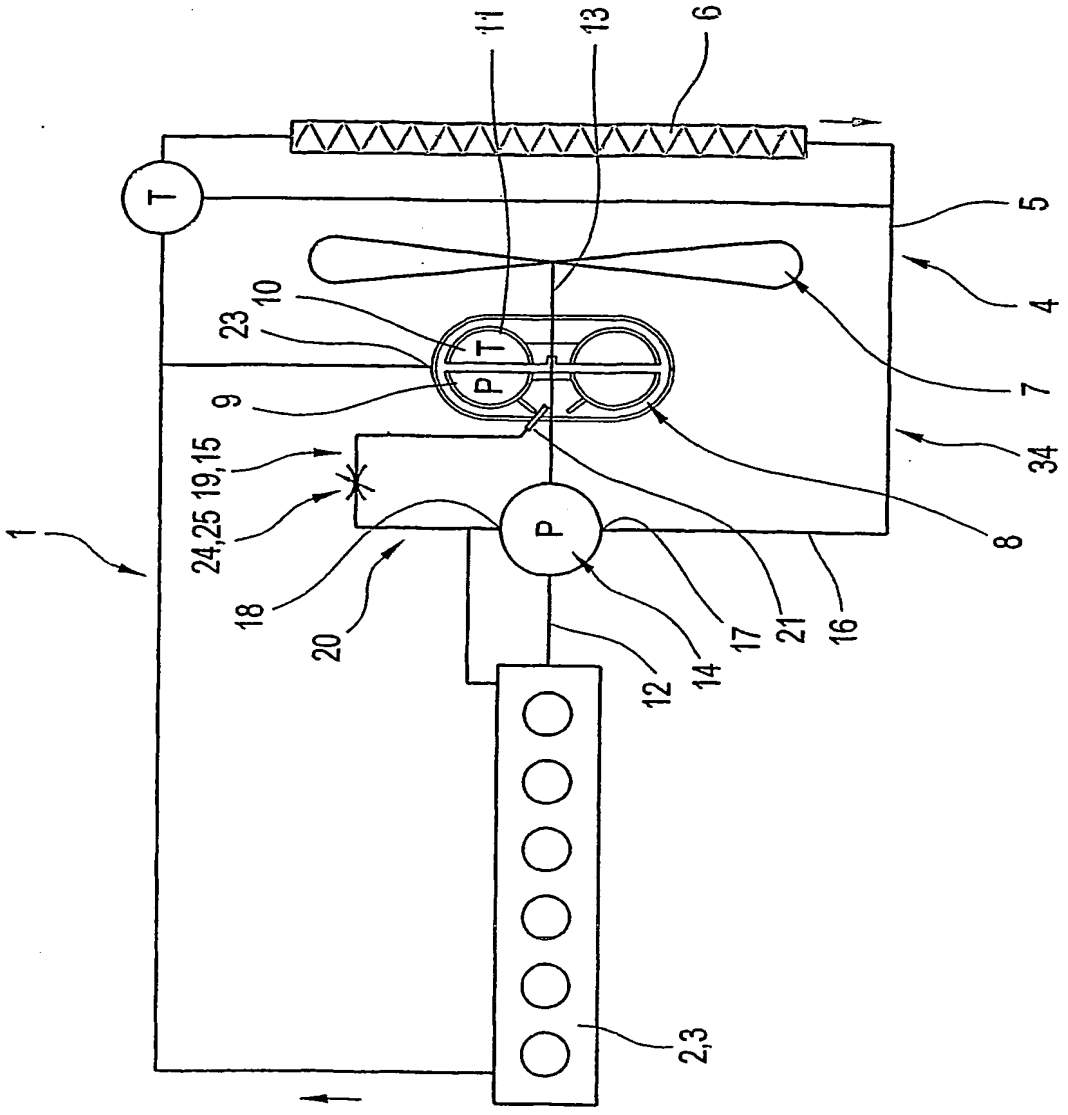


Fig.2

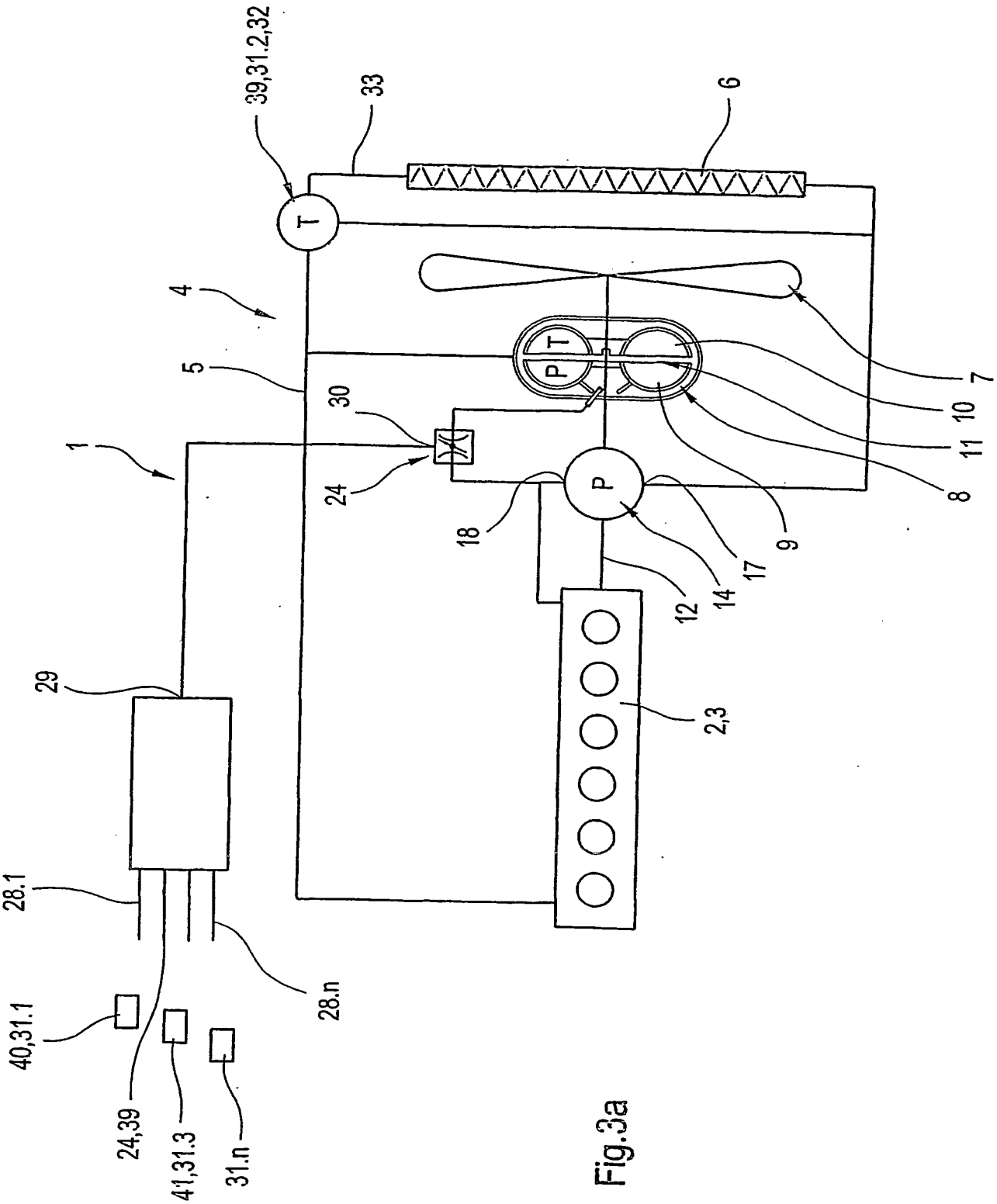

39,31.2,32
33
6
T
4
5
P
T
7
10
11
8
30
1
24
P
18
9
17
12
14
2,3
29
28.1
28.n
40,31.1
24,39
41,31.3
31.n

Fig.3a

Fig.3b

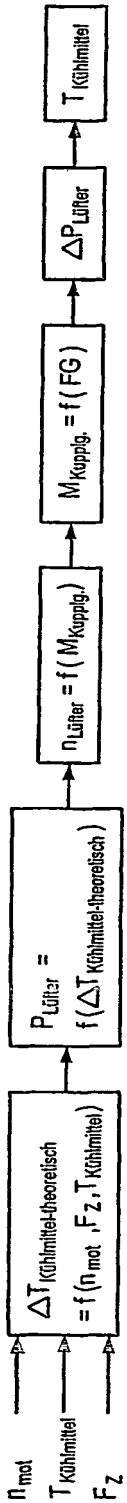
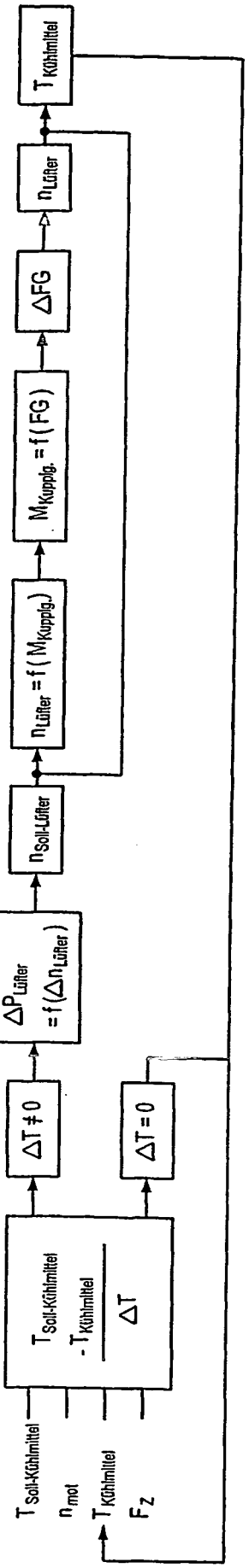

n mot
T Kühlmittel
Fz
ΔT Kühlmittel-theoretisch = f(n mot, Fz, T Kühlmittel)
P Lüfter = f(ΔT Kühlmittel-theoretisch)
n Lüfter = f(M Kupplg.)
M Kupplg. = f(FG)
ΔP Lüfter
T Kühlmittel

Fig.4


T Soll-Kühlmittel
n mot
T Kühlmittel
Fz
T Soll-Kühlmittel - T Kühlmittel / ΔT
ΔT ≠ 0
ΔT = 0
ΔP Lüfter = f(Δn Lüfter)
n Soll-Lüfter
n Lüfter = f(M Kupplg.)
M Kupplg. = f(FG)
ΔFG
n Lüfter
T Kühlmittel

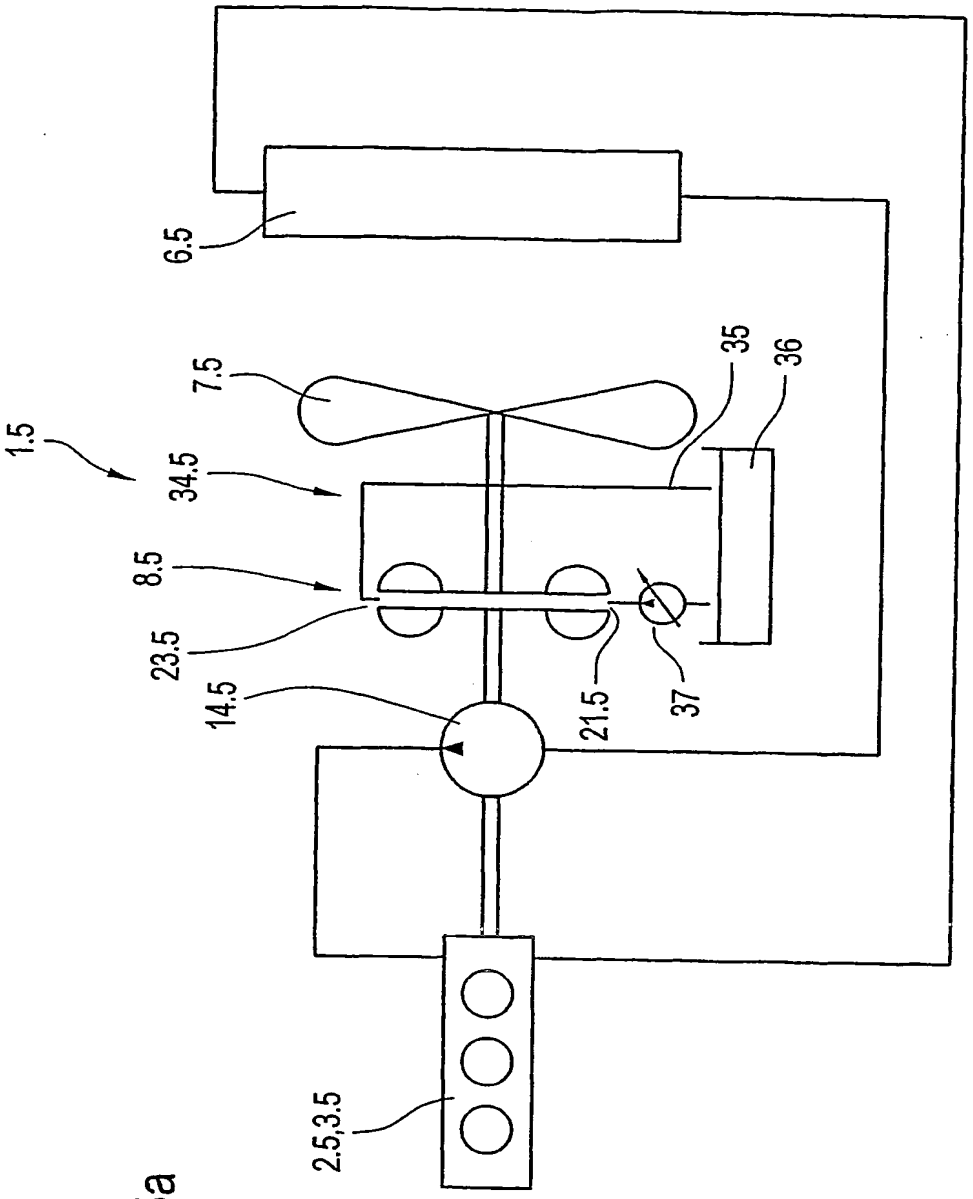


Fig.5a

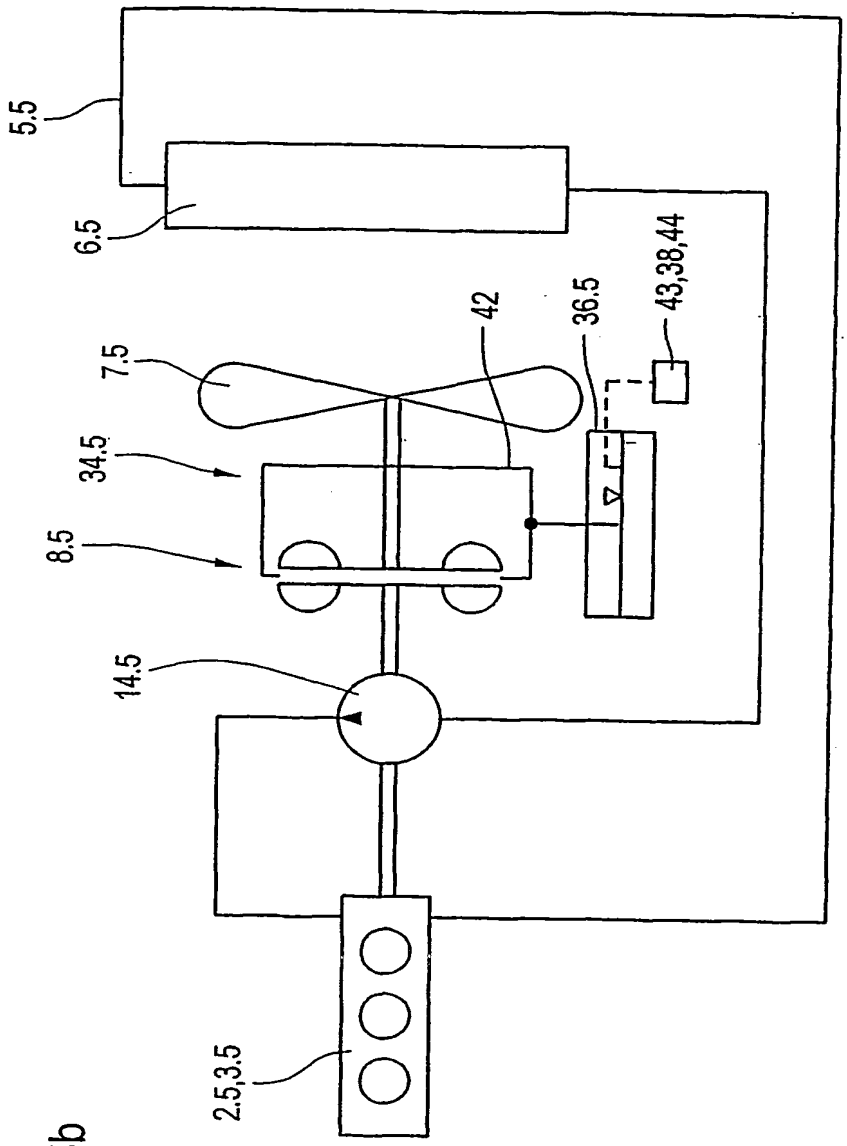


Fig.5b

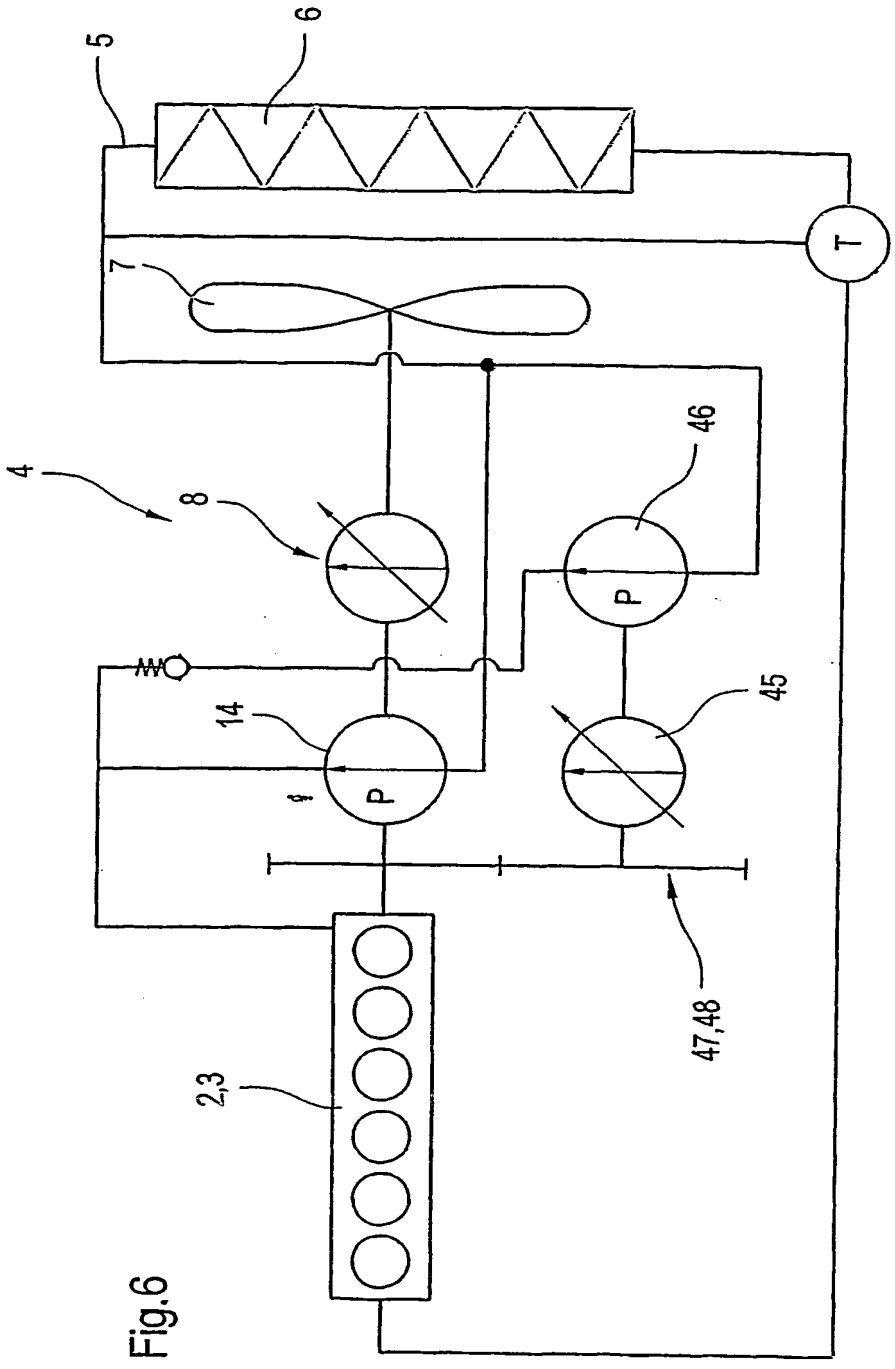


Fig.6